

**CDFATM**

DETECTION ADVISORY

PLANT HEALTH AND PEST PREVENTION SERVICES
PEST DETECTION / EMERGENCY PROJECTS

November 27, 2002

PD75-02

TO: County Agricultural Commissioners

FROM: Pest Detection/Emergency Projects

Mexican Fruit Fly (MxFF)

San Diego County

Valley Center

Sixteen MxFFs were trapped on November 24 to 26, 2002 at or near previous find sites along Santa Virginia Drive, Santa Catalina Road, Lilac Road, and Laurel Ridge Drive. MxFF larvae were found on November 25, 2002 at the original grapefruit orchard where MxFF were first found.

MEXICAN FRUIT FLY TRAP FINDS

Date Found	Location	City	Host	Trap Type	Number Found/Sex
11/24/02	Santa Virginia Dr.	Valley Center	Avocado	McPhail	1 male
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11/24/02	Santa Virginia Dr.	Valley Center	Avocado	McPhail	1 male
11/24/02	Santa Virginia Dr.	Valley Center	Avocado	McPhail	1 male 1 unmated female
11/24/02	Santa Virginia Dr.	Valley Center	Orange	McPhail	3 males 4 mated females 1 unmated females
11/25/02	Santa Catalina Rd.	Valley Center	Orange	McPhail	1 male
11/26/02	Laurel Ridge Dr.	Valley Center	Orange	McPhail	1 mated female
11/26/02	Laurel Ridge Dr.	Valley Center	Orange	McPhail	1 unmated female

In response, CDFA has deployed McPhail traps as needed per protocol for new MxFF finds. In addition, an eradication plan is being developed that will include pesticide treatments and sterile release (S.I.T.). Fruit is being stripped from hosts within the infested area. San Diego County Department of Agriculture trapper Breman Agyemang and John Janke; CDFA inspectors Rodolfo Davila, Alicia Ruiz, and Maria Ramirez are credited with finding the MxFFs.

Since November 21 forty-eight MxFFs have been trapped in the Valley Center area. MxFF larvae have been found at two sites.

CDFA Insect Biosystematist Kevin Hoffman made the determinations.

SUMMARY - 2002 MEXICAN FRUIT FLY FINDS

COUNTY	ADULTS TRAPPED	DATE LAST ADULT TRAPPED	LARVAL PROPERTIES
Los Angeles	7	10/24/02	1
San Bernardino	1	11/12/02	0
San Diego	53	11/26/02	2
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Reference PDR's 101931; 101928; 101927; 101929; 101930; 027749; 1136716;
101956; 101957

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